

# USMC IUID Legacy Ground Equipment



JANUARY 2011

Head Quarters, USMC  
Installations & Logistics  
(I&L)

Marine Corps Systems  
Command  
Product Group 09



# ***USMC Enterprise Approach***

### ➤ ***PM Led Approach Wasn't Working***

- ☐ PMs Main Effort is Equipping the Warfighter to Win
- ☐ Inconsistent Approach to IUID Across Programs

### ➤ ***“Monthly” Working Group Established - August 2007***

- ☐ Membership Across Functions & Organizations
- ☐ Enables:
  - Economies of Scale For Active Marking Campaign
  - Synchronize IUID Policies, Plans & Initiatives
  - Reduced Burden on PMs
  - Enterprise Impact Beyond Individual PMs Authority
  - Established IUID “Nodes”

### ➤ ***Transition to USMC IUID Program of Record*** <sup>2</sup>

## ***USMC IUID Implementation Strategy***

### ***➤ Identify Items to be IUID Marked***

- ☐ Translate DoD Criteria to USMC AIS Policy

### ***➤ IUID Marking***

- ☐ New Acquisitions, i.e., DFARs
- ☐ Legacy Marking
  - “Seek & Validate”
  - “Seek & Apply”
  - “Seek & Verify”
  - “Opportunity & Apply”

### ***➤ Employing the UIIs***

- ☐ Global Combat Service Support – Marine Corps (GCSS-MC)

## ***End State***

### ***➤ Improved Total Life Cycle Management (TLCM) of Marine Corps Equipment via IUID:***

- ☐ Property Accountability
- ☐ Positive Inventory Control
- ☐ Product Lifecycle Management
- ☐ Sense and Respond Logistics (S&RL)
- ☐ Serialized Item Management (SIM)
- ☐ Condition Based Maintenance Plus (CBM+)
- ☐ Product Data Management (PDM)
- ☐ TLCM Modeling and Simulation
- ☐ Financial Accountability

## *Supporting Transformation*

Warfighting  
Capabilities

Net Centric  
Operations  
& Warfare

Highly Integrated  
Equipment  
Management

Total Life  
Cycle  
Management

Sense &  
Respond  
Logistics

IUID Value  
Streams

Property  
Accountabilit  
y

Intensive  
Item  
Management

Product  
Lifecycle  
Management

IUID Basic  
Processes

Sustainmen  
t Node  
Marking

Logistics  
Chain  
Marking

IUID Data  
Managemen  
t

IUID  
Marking  
Instructions



# ***USMC Legacy Strategy - Nodes***

- ***Marine Corps Logistics Command - Depots***
  - ❑ Marine Corps Logistics Base (MCLB) - Albany & Barstow
    - Depot Level Maintenance Program
      - o Master Work Schedule (MWS)
      - o SOW Stimulated
      - ❖ Message - CMC/DCL/LPC DTG 081315Z Apr
  - ❑ Fleet Support Division (FSD)
  - ❑ Blount Island Command
    - Maritime Prepositioned Forces (Ship Rotations)
    - Marine Corps Preposition Program Norway (MCPN), FY12
- ***Marine Corps Systems Command***
  - ❑ Marine Forces
  - ❑ Marine Forces Reserves



# ***Background, USMC Challenge & Action***

### ➤ ***Background - Department of Defense***

- ❑ OEM UID Marks required (2004) by DFARS Clauses 211.274 & 252.211-7003
- ❑ DoD Policy Memorandum for IUID, December 2008
  - 31 Dec 2010 - All Class VII in DoD inventory must be UII Registered
  - 31 Dec 2015 - All Class IX in DoD inventory must be UII Registered

### ➤ ***USMC Challenge***

- ❑ DoD IUID Effort is an “Unfunded” Mandate - Funding
- ❑ Contracting Mechanisms/Efforts
- ❑ Mark and Register all Class VII, i.e., Principal End Items, NLT 31 Dec 2010

### ➤ ***Action - USMC/Marine Corps Systems Command (MCSC)***

- ❑ Feb 2008 - HQMC, DC I&L (LPC) funds IUID Legacy efforts to Marine Corps Systems Command (MCSC), Operational Forces Systems (PG09)
- ❑ Feb 2009 - Naval MSG/CMC, Identifies PG09 as the primary responsible POC for IUID Legacy Ground Equipment Marking Program
- ❑ Support/Migration to Global Combat Support System - Marine Corps

## ***MCSC IUID Legacy - Phased Approach***

### ➤ ***Mission Essential Phase I (MEP-I), FY09***

(Note: Mission Essential)

- ❑ Class VII: 162 NSNs, ~70,000 PEIs
- ❑ Class IX: ~500,000 Assemblies/Sub-Assemblies, i.e., SECREPs

### ➤ ***Marine Corps IUID Legacy Phase 2 (MCI-LP2), FY10***

(Note: Controlled Items)

- ❑ Class II & VII: 340 NSNs, ~396,000 PEIs
- ❑ Class IX: ~164 NSNs Assemblies/Sub-Assemblies, i.e., SECREPs

### ➤ ***Marine Corps IUID Legacy Phase 3 (MCI-LP3), FY11***

(Note: SIM/>\$5K/PM)

- ❑ Class VII, II & VIII: ~012 NSNs

## Marine Corps IUID Legacy - Pedigree Data Collection

### ➤ *Pedigree Data Collection*

- ☐ DoD/Registry Criteria
- ☐ GCSS-MC Requirements
- ☐ Financial Data

### ➤ *Temporary Data Storage (TDS)*

### ➤ *OSD Registry*

IUID Data Element
UII
UID Type
Issuing Agency Code
Enterprise Identifier
Enterprise Serial Number
Original Part Number
Mark Set
Content Type
Mark Value
Bagged or Tagged Code
Marker Code
Marker ID
Medium Type
Mark Effective Date
Unit of Measure

Legacy and/or IUID Data Elements
NSN
TAMCN
USMC Nomenclature
Model Name / Number
Manufacturer Code
Manufacturer ID
USMC Serial Number
OEM Serial Number
GD Serial Number
WAWF Serial Number
Batch / Lot Number
Current Part Number Effective Date
Current Part Number
UII Label
End of Life Date
PEI
Product Group / PM
POC
POC Phone
Additional Information
Parent UII
Custody DODAAC
Custody Location Name

Financial Data Elements
Contract Type
Contract Number (PIIN)
Prime Contractor ID CAGE
Prime Contractor ID DUNS
Item Description
BAC
BLI
RCN
SIC
OCC
SDN
LOA
ACRN
SPIIN
CLIN
Acquisition Cost
Acceptance Location
Acceptance Date
Foreign Currency Code
Current Acquisition Value

## ***Marine Corps IUID Legacy Engineering Analysis Process***

- ***Identify Existing Drawings or ECPs***
- ***Leverage Data Plate - Label Right, Left, Bottom or Top***
- ***Conduct Engineering Analysis***
  - ❑ Coordinate with PM Systems Engineer
    - Identify Environmental Conditions
    - Determine Location
    - Identify Surface Material
    - UII Label Size, Materiel & Adhesive
- ***Validate Process, i.e., Test & Evaluation***
- ***Develop “Draft” Marking Instruction***
- ***PM Approval***
- ***Publish Validated Marking Instructions***

<b>TRUCK, UTILITY: ARMT CARR, W/SA, 1 1/4 TON, 4 X4, W/E M1043A2</b>	
19207 - 8750310	- MFR - AMGENERAL
MFR'S. SERIAL NUMBER	-
REGISTRATION NUMBER	-
NATIONAL STOCK NUMBER	- 2320 - 01 - 380 - 8
VEHICLE CURB WEIGHT	- 7210 LBS
PAYLOAD MAXIMUM	- 3090 LBS
GROSS WEIGHT MAXIMUM	- 10300 LBS
DATE OF DELIVERY	-
CONTRACT NUMBER	-
<b>U.S. PROPERTY</b>	



# ***Marine Corps IUID Legacy “Seek & Apply” & “Seek & Validate”***

## **➤ *Mobile Marking Execution Plan (MMEP)***

- ☐ Communication Plan
- ☐ Movement Plan
- ☐ Mobile Marking Team (MMT) Structure
- ☐ Equipment Requirements
- ☐ Logistics Requirements

## **➤ *USMC Temporary Data Storage (TDS)/DoD Registry***

- ☐ Marked & OEM Marked P
- ☐ CL II, VII, VIII & IX
- ☐ External Organizations





# ***Marine Corps IUID Legacy - IUID Site Managers (ISM)***

- ***PEI Sustainment Marking, i.e., Class VII***
- ***Provide On-Site Label Production***
- ***Mark SECREPs, i.e., Assemblies - “Opportunity & Apply”***
- ***Integrated Marking Carts (IMCs)***
  - ❑ On-Site Maintenance & Sustainment
- ***Quality Assurance***
  - ❑ Validating & Capturing OEM Marks
  - ❑ Identify Discrepancies as Required



# ***USMC IUID Legacy - Communication & Protocol***

- **Key to Success!**
- ***Upfront Coordination with Program Managers***
  - ☐ IUID Status Briefs
  - ☐ Validation & Quality Assurance
- ***Protocol with USMC Major Commands***
  - ☐ Formal Naval Messages
  - ☐ In-Briefs & Outbriefs Conducted at Commander Marine Forces (COMMARFOR)/Marine Expeditionary Forces (MEF)
  - ☐ Letters of Instruction (LOIs) by MEF & Unit Level
- ***Unit Level In-Briefs & Coordination Schedule Development***
  - ☐ Information & Movement Briefs
  - ☐ Sustainment Process
- ***Publications & Conferences***
  - ☐ Base Newspapers, Marine Gazette, & MCSC On Point Magazine
  - ☐ Industry Newsletters
  - ☐ DoD Conference Attendance, Participation & Demonstration

## ***USMC IUID Legacy - Lessons***

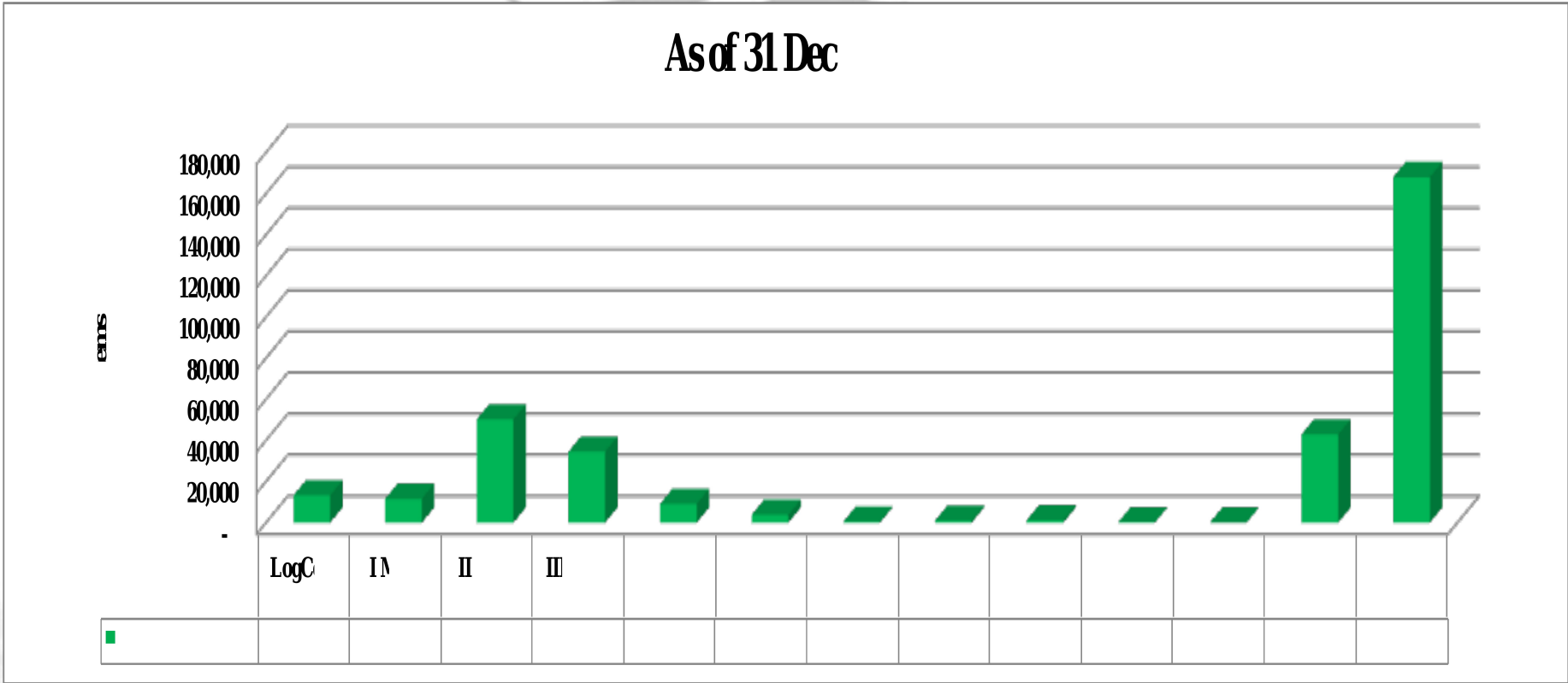
### ➤ ***Data System Integrity ~~Learned~~***

- ❑ Pedigree Data Collection Sources
  - Total Force Structure Management Systems (TFSMS)
  - Marine Corps Equipment Readiness Information Tool (MERIT)
  - Haystack & FEDLOG
  - Program Management Office
- ❑ Inventory Data Sources - Onsite
  - Consolidated Memorandum Receipt (CMR) Accuracy
  - Equipment Data Plate
- ❑ Data Mining
  - Authoritative Data Sources
  - Information Exchange Requirements, Present & Future
- ❑ Data Discrepancies
  - Additional Equipment
  - Serial Number/Part Number
  - Characters:
    - Blank Spaces
    - Characters not matching, i.e., Periods, Dashes & Slashes

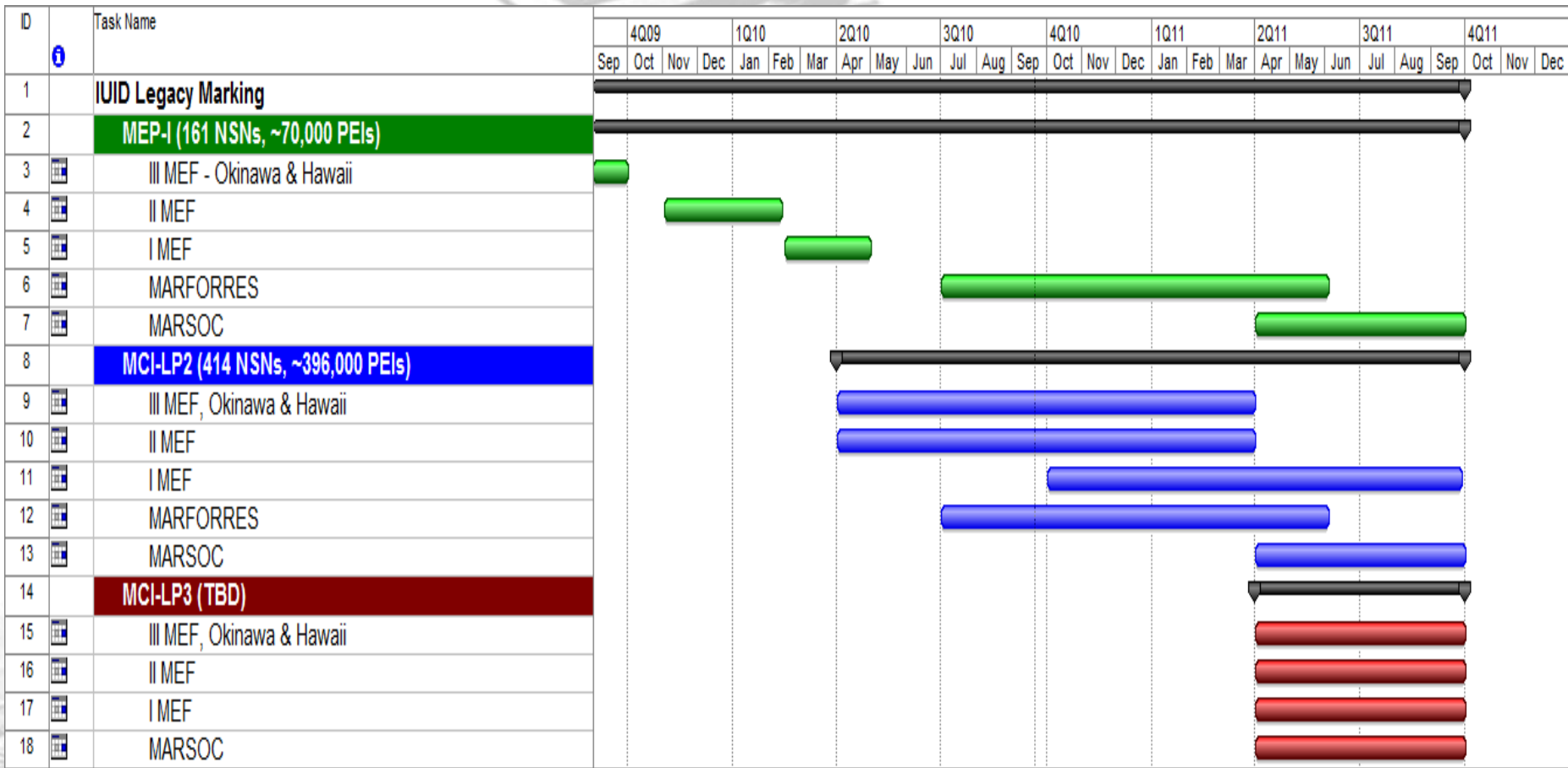
### ➤ ***Data System Integrity - Solutions***

- ❑ Employ Rigorous Inventory Process
- ❑ QA/QC Embedded Throughout Process
- ❑ Close Unit Coordination
- ❑ Proactive Discrepancy Reporting Process - All Stakeholders

# Legacy Marking/Data Status



# Marine Corps IUID Legacy - Notional Schedule



## ***USMC IUID Legacy Efforts Acknowledgements & Partnerships***

- ***GDIT/Claxton Logistics***
  - ☐ Key Development & Implementation of Legacy Marking Processes
  - ☐ Firmly Established Core Marking Team Dispersed Geographically
  - ☐ Marking Instructions Developed & Maintained, ~700
  - ☐ Maintains USMC IUID Temporary Data Storage (TDS)
- ***US Air Force, EBS***
  - ☐ Pre-Printed & Blank Labels - III MEF Execution
- ***Camcode/Horizons, Inc.***
  - ☐ Tactical & Blank Labels, Cataloging
- ***A2B***
  - ☐ Integrated Marking Carts (24 IMCs)
  - ☐ Scanners
  - ☐ Software Support
  - ☐ Training

# ***USMC IUID Legacy Ground Equipment***

Questions?

